

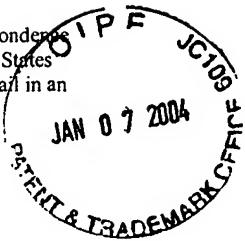
I hereby certify that this correspondence
is being deposited in the United States
Postal Services as First Class Mail in an
envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Richard J. Coldren

Attorney for Applicant

Date: 5 January 2004



Application No. : 10/689,300
Applicant : Mark Beaumont
Filed : 20 October 2003
Title : METHOD FOR MANIPULATING DATA IN A GROUP OF
PROCESSING ELEMENTS TO TRANPOSE THE DATA USING A
MEMORY STACK

TC/A.U. : Not yet assigned
Examiner : Not yet assigned

Atty. Docket No. : DB001069-000
Customer No. : 24122

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Enclosed for filing in the above-captioned application, please find the following:

- An Information Disclosure Statement; and
- Form PTO/SB/08A and a copy of one (1) reference.

Also enclosed is a return postcard. Please date stamp and mail the postcard in order to
acknowledge receipt of the above-reference correspondence. The Commissioner is hereby authorized to
charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A duplicate
copy of this transmittal is enclosed.

Respectfully submitted,

Richard J. Coldren

Richard J. Coldren
Reg. No. 44,084
THORP REED & ARMSTRONG, LLP
One Oxford Centre, 14th Floor
301 Grant Street
Pittsburgh, PA 15219-1425
(412) 394-2442

Dated: 5 January 2004

Attorney for Applicant

I hereby certify that this correspondence
is being deposited in the United States
Postal Services as First Class Mail in an
envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Richard J. Colburn
Attorney for Applicant

Date: 5 January 2004



Application No. : 10/689,300
Applicant : Mark Beaumont
Filed : 20 October 2003
Title : METHOD FOR MANIPULATING DATA IN A GROUP OF
PROCESSING ELEMENTS TO TRANSPOSE THE DATA
USING A MEMORY STACK

TC/A.U. : Not yet assigned
Examiner : Not yet assigned

Atty. Docket No. : DB001069-000
Customer No. : 24122

To: Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

Sir:

Pursuant to the provisions of 37 CFR §§1.56 and 1.97-98, enclosed herewith is:

Form PTO/SB/08A
 Form PTO/SB/08B

listing references for consideration by the Examiner. This application was filed after 30 June 2003. Thus, except for U.S. patents and U.S. patent application publications, a copy is enclosed herewith of each listed reference which may be material to the examination of this application, and with respect to which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is "prior art" to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to

Application No.: 10/689,300
Dated: 5 January 2004
Information Disclosure Statement

patentability as defined in 37 CFR §1.56, or that no other material information exists, and shall not be construed as an admission against applicant(s) interest in any manner.

The Information Disclosure Statement submitted herewith is being filed pursuant to:

37 C.F.R. §1.97(b)(1); no fee is required;
OR
 37 C.F.R. §1.97(b)(2); no fee is required;
OR
 37 C.F.R. §1.97(b)(3); no fee is required;
OR
 37 C.F.R. §1.97(b)(4); no fee is required;
OR
 37 C.F.R. §1.97(c);
AND either
 The fee set forth in §1.17(p) is attached; OR

Applicant certifies pursuant to 37 CFR §1.97(e) that:

each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
 no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated under 37 CFR §1.56(c) more than three months prior to the filing of this statement;

Application No.: 10/689,300
Dated: 5 January 2004
Information Disclosure Statement

OR

37 C.F.R. §1.97(d); the fee set forth in §1.17(p) is attached,
AND

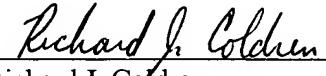
each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR

no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated under 37 CFR §1.56(c) more than three months prior to the filing of this Statement.

Applicants respectfully request that the listed references be considered by the Examiner, and that the Examiner acknowledge consideration of these references by initialing and returning a copy of the attached form(s) with the next Official Action.

Respectfully submitted,

Dated: 5 January 2004



Richard J. Coldren
Reg. No. 44,084
Thorp Reed & Armstrong, LLP
One Oxford Centre, 14th Floor
301 Grant Street
Pittsburgh, Pennsylvania 15219-1425
Tel.: 412/394-2442
Fax: 412/394-2555



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/689,300
Filing Date	20 October 2003
First Named Inventor	Mark Beaumont
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	DB001069-000

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
		WO 94/10638 A1	05/11/1994	Marwood	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.